Prestigio

THE ART OF HI-TECH

Car Video Recorder

RoadRunner 522

User Manual

Version 1.0

www.prestigio.com

About this user manual

This user manual is specially designed to detail the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Prestigio continuously strives to improve its products. Due to software upgrading, some contents in this user manual may be different from your product. Prestigio reserves the rights to revise this user manual or withdraw it at any time without prior notice. Please take your product as standard.

Conventions used in this manual

In this user manual, we use the following symbols to indicate useful and important information:

Caution: provides safety precaution and important information.

Note: gives additional information.

Tips: usage tips.

> The order of options or menus you must select to perform a step.

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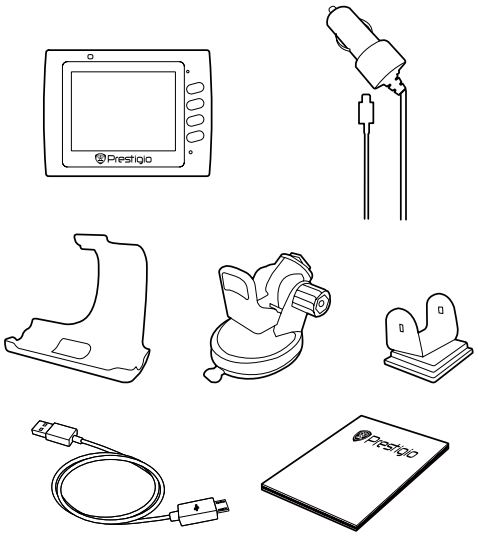
1. Unboxing

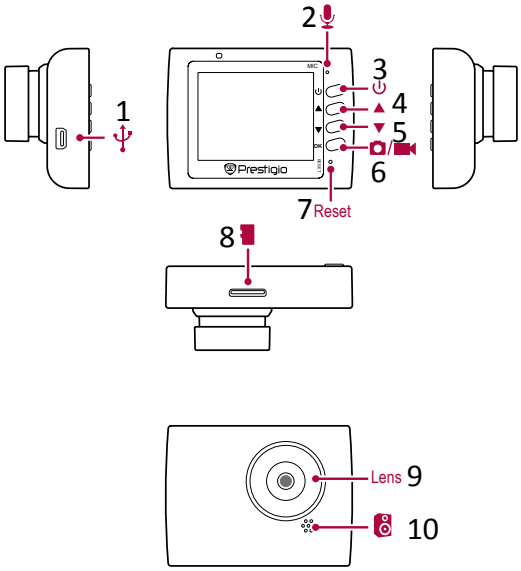
1

Inside your package



- Car video recorder
- Suction mount
- Bracket
- Warranty card
- Car charger
- 3M mount
- USB cable (for charging only)
- Quick start guide

Device overview



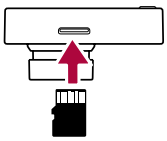
1	Mini USB port	6	Record/Playback/OK button
2	Microphone	7	Reset button
3	Power button/Mode button/Exit	8	SD card slot
4	Up button	9	Lens
5	Down button	10	Speaker

2. Getting started

2

Insert a microSD card

Before starting video recording, please insert a microSD card (not included) into the slot until it locks in place.



The device will automatically recognize it as default storage and all the data will be saved on this card.

Install the device

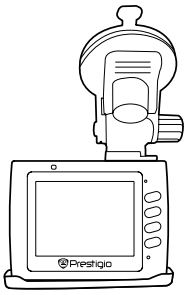


Fig. 1

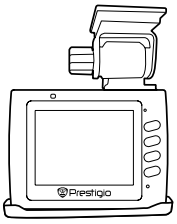


Fig. 2

Lock the device into the bracket, and then mount the device as one of the following methods:

Using suction mount

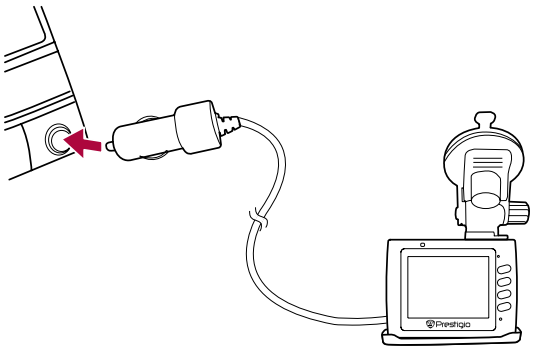
1. Match the mounting slots of the bracket and the suction mount, and press the suction mount until it locks in place (see fig. 1).
2. Remove the protection plastic film from the suction cup, and position the device on the clean windshield or dashboard.
3. Hold firmly against the surface and twist the lock knob. The mount will suction and stick firmly onto the surface.

Using 3M mount

1. Loosen the knob in suction mount, and install the mounting slot on 3M mount.
2. Match the mounting slots of the bracket and the 3M mount, and press the 3M mount until it locks in place (see fig. 2).
3. Remove the protection paper from 3M tape, stick it on 3M mount, remove paper on another side, and position the device on the clean windshield or dashboard.
4. Hold firmly against the surface. The mount will stick firmly onto the surface.

Charge the battery

Before using the device for the first time, please fully charge the Li-ion battery. The battery will be completely charged in 2-3 hours.



- Using the car charger: charge the device through cigarette lighter. The device will start charging after the car engine is turned on.
- Using mini USB cable: connect the device to AC 5V adapter or the USB port of a computer/ laptop.

3. Settings

3

Before recording, you can set up the device according to your requirements.

- In video/picture preview mode, press and hold [OK] to enter video/picture settings, press and hold it again to go to general settings, press [⏻] to exit.
- In setting list, use [▲]/[▼] to navigate the menu, press [OK] to confirm the selection, and [⏻] to exit.

Video settings

- **Resolution**: Select the resolution of recorded video: 1080FHD / 1920x1080, 720P / 1280x720, VGA / 640x480.
- **Loop recording**: Set the video duration (1, 3, 5, 10 minutes or off) for loop recording. When the microSD card is full, the device will delete the oldest unlocked video file automatically.
- **Exposure**: Set exposure value to determine how much light the camera's sensor receives. For lowlight situations, use a higher exposure.
- **Motion detection**: Turn on or off motion detection. If there is any motion detected while the car engine is stopped, your car DVR will start recording automatically.
- **Record audio**: Set to record sound or not.
- **Date stamp**: Add date stamp onto videos.
- **G-sensor sensitivity**: Select the sensitivity of the G-sensor. The smaller the number is, the higher the sensitivity is. When reaching the sensitive value (such as collision), the recording file will be automatically protected (for PCDVRR520I only).

Picture settings

- **Capture mode**: Select the capture mode from At once/ In 2 sec/In 5 sec/In 10 sec.
- **Resolution**: Select the picture image size from 12M / 4000x3000, 8M / 3264x2448, 5M / 2592x1944, 3M / 2048x1536, 1.3M / 1280x960, VGA / 640x480.
- **Burst**: Select to turn the burst on or off. In burst mode, several photos are captured in quick succession. This is used mainly when the subject is in successive motion, such as sports.
- **Quality**: Select quality from Fine / Normal / Economy.
- **Sharpness**: Adjust the sharpness.
- **White balance**: Select an appropriate white balance, so images have a true-to-life color range. It is for specific lighting situations.
- **Color**: Select color from normal / black & white / sepia.
- **ISO**: This controls camera light sensitivity. It is measured in filmcamera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fast-moving or poorly-lit objects.
- **Exposure**: Set exposure value to determine how much light the camera's sensor receives. For lowlight situations, use a higher exposure.
- **Anti-shaking**: Minimize blurring and compensate for camera shake.
- **Quick review**: Set photo review time (2s, 5s) after shooting in preview mode.
- **Date stamp**: Add date stamp onto photos.

General settings

- **Date/Time**: Set date and time on device.
- **Auto power off**: Set automatic power off when the device is not in use.
- **Beep sound**: Turn on or off the sound when pressing buttons.
- **Language**: Choose your language.
- **Frequency**: For a given luminance, the frequency of light fluctuation that evokes a sensation of flicker. Set a right flickering frequency to avoid horizontal stripe interference.
- **LCD off**: Set automatic LCD off when the device is not in use, press any button to wake up.
- **Format**: Format the memory card.

Formatting will erase all your stored data. Back up your data before proceeding.

- **Default setting**: Restore to default setting.
- **Version**: Display the current system version.

4. Recording

4

Record a video

Auto video recording

Connect the device to car charger, when the car engine launches, the device will automatically turn on and start loop video recording. When shut off the car engine, the device will save the last file and turn off.

Manual video recording

In preview mode, press [OK] button to start and stop video recording.

Record the sound

In preview mode or recording mode, press [▲] to turn on or off microphone.

Set exposure

In preview mode or recording mode, press [▼] to adjust exposure value.

Take a picture

- Press [⏻] to select the picture mode, and then press [OK] to take photos.

5. File management

5

You can manage your videos and pictures in playback mode.

Browse files

1. In preview mode, press [⏻] two times to enter the playback mode.
2. Press [▲]/[▼] to scroll through the files.

Delete a file

Press and hold [OK] to delete one file or all the files, and press [OK] to confirm the deletion.

To delete a protected file, remove the protection first.

Lock and unlock a file

Press and hold [OK] to protect or unprotect the selected file or all.

6. Playback

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Play video on DVR

1. In playback mode, press [▲]/[▼] to scroll through the files.
2. Press [OK] to start playback.
3. Press [▲]/[▼] to slow down or speed up playing.
4. Press [⏻] to exit.

Playback on PC

Remove memory card from DVR and insert it into computer's card reader.

DVR's USB port is for charging purpose only.

7. Specifications

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Display	2.0", 480 x 240 pixels
Processor	NT96220
Image sensor	3.0 MP Aptina CMOS 1/3"
View angle	120°
Video resolution	1920x1080p (25 fps) 11.76 GB/Hour 1280x720p (30 fps) 11.22 GB/Hour 640x480p (30 fps) 6.06 GB/Hour
Photo resolution	12M
Video codec	AVI
Picture format	JPG
Memory	up to 32 GB (Please use a Class 10 or higher rating Micro SD card, SDHC)
Microphone	Built-in
Motion Detection	Yes
Power source	Built-in battery, car charger
Interfaces	Mini USB 2.0 (for charging only)
Operating temperature	0 °C ~ 45°C
Dimension	68 x 51 x 31 mm (H x W x D)
Weight	85 g